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WORLD

MINE PRODUCTION OF

GOLD

1986 - 1990

THE GOLD INSTITUTE
GOLD
L'INSTITUT DE L'OR

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Worldwide Association of Suppliers of Gold and Gold Products

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The outstanding ccoperation of mining and related enterprises throughout the world has enabled The Gold Institute/l'Institut de L'Or to produce this report on the World Mine Production of Gold. Mine production is defined as the gold produced from underground, surface, alluvial and placer sources.

This report presents the mine production of gold in all of the 57 countries of the world which are known to mine or expect to mine gold during the 1986 to 1990 period. Countries are separated into Free World Countries and Communist Countries. The Free World Countries are divided into two sections: those which produced more than one hundred thousand troy ounces in 1986, and those which produced less.

In all sections, figures for the countries are arranged in the order of size of mine production of gold in 1986. For each country, actual production is given, as well as projected production for each of the years 1987, 1988, 1989 and 1990. Amounts are shown in thousands of troy ounces for each country and group of countries, with metric ton (1,000 kilograms) equivalents for each group of countries.

The figures presented here refer to mine production of gold on an "accountable" basis, indicating the amount of gold which is credited to the mining enterprise. This study was made with the participation of 237 mining entities, who supplied The Gold Institute with their reports and projections.

The projections are the totals of many individual companies' plans for their mine production of gold in each of the four ensuing years. Increases and decreases from these plans in individual mines and countries often balance each other. However, there is the fact that earthquakes, floods, accidents, strikes or unexpected declines in market prices will cause the actual production to be less than the projections.

The world mine production of gold in 1986, was 4.6% greater than had been projected one year ago; 6.8% greater than had been projected two years ago; and 6.2% greater than had been projected three years ago.

An additional analysis shows the production and the percent of world total for each of the ten largest producing countries, indicating the changes in their shares of production over the years 1986 to 1990.

Appreciation is expressed for the extraordinary cooperation of the mining and related enterprises which provided the information and projections used in this report. Their names are listed alphabetically by country.

October 1987

MINE PRODUCTION OF GOLD
On Accountable Basis
In Thousands of Troy Ounces

FREE WORLD COUNTRIES

Countries Producing More Than 100,000 Troy Ounces in 1986:	Actual 1986	Projected 1987	1988	1989	1990
South Africa	20,514	19,940	19,940	20,225	20,898
United States	3,733	4,304	5,108	5,944	6,078
Canada	3,397	3,871	4,751	5,258	5,436
Australia	2,479	3,425	4,302	4,654	4,898
Brazil	2,167	2,250	2,300	2,400	2,500
Papua New Guinea	1,157	1,274	1,292	1,064	1,052
Philippines	1,139	1,427	1,433	1,515	1,550
Colombia	871	866	866	874	874
Venezuela	643	643	643	643	643
Chile	577	581	588	621	621
Zimbabwe	480	480	480	480	480
Ghana	370	370	370	370	370
Peru	350	350	350	350	350
Japan	331	334	334	334	334
Ecuador	289	322	386	482	482
Dominican Republic	284	251	243	233	100
Zaire	257	257	257	257	257
Mexico	251	306	321	325	325
Bolivia	193	193	193	193	193
Spain	154	151	157	160	152
Sweden	134	133	134	137	137
Subtotal	39,770	41,728	44,448	46,519	47,730
Equivalent Metric Tons	1,237	1,298	1,383	1,447	1,485
Change from Previous Year		+5%	+7%	+5%	+3%

Countries Producing Less Than 100,000 Troy Ounces in 1986:	Actual 1986	Projected 1987	1988	1989	1990
Indonesia	94	113	156	236	315
Malaysia	93	93	93	93	93
France	85	85	85	85	85
Fiji	84	96	108	108	108
South Korea	80	80	80	80	80
India	67	69	73	81	85
New Zealand	46	46	46	61	74
Costa Rica	35	35	56	63	63
Taiwan	29	29	29	29	29
Argentina	27	27	27	27	27
Nicaragua	24	24	24	24	24
Guyana	24	24	24	24	24
Liberia	20	20	20	20	20

COUNTRY	Actual	Projected			
	1986	1987	1988	1989	1990
Mali	16	16	16	16	16
Portugal	15	15	16	17	17
Ethiopia	15	15	15	15	15
Finland	13	13	11	11	5
Sierra Leone	12	12	12	12	12
French Guiana	9	9	9	9	9
Central African Republic	6	6	6	6	6
Namibia	6	6	6	6	6
Solomon Islands	4	4	4	4	4
Tanzania	2	2	2	2	2
Sudan	2	2	2	2	2
Zambia	2	2	2	2	2
Gabon	2	2	2	2	2
Honduras	2	0	0	0	0
Burundi	1	1	1	1	1
German Federal Republic	1	1	1	1	1
Republic of Guinea	0	0	39	107	107
Subtotal	816	847	965	1,144	1,234
Equivalent Metric Tons	25	26	30	36	38
FREE WORLD COUNTRIES					
TOTAL	40,586	42,575	45,413	47,663	48,964
Equivalent Metric Tons	1,262	1,324	1,413	1,483	1,523
Change from Previous Year		+5%	+7%	+5%	+3%
COMMUNIST COUNTRIES					
Soviet Union	10,000	10,450	10,900	11,500	12,100
China People's Republic	2,213	2,250	2,500	2,750	3,025
North Korea	160	160	160	160	160
Yugoslavia	140	140	140	140	140
Romania	60	60	60	60	60
Hungary	18	18	18	18	18
COMMUNIST COUNTRIES					
TOTAL	12,591	13,078	13,778	14,628	15,503
Equivalent Metric Tons	392	407	429	455	482
Change from Previous Year		+4%	+5%	+6%	+6%
WORLD TOTAL	53,177	55,653	59,191	62,291	64,467
Equivalent Metric Tons	1,654	1,731	1,841	1,938	2,005
Change from Previous Year		+5%	+6%	+5%	+3%

ADDITIONAL ANALYSIS

COUNTRY	Actual 1986	Projected 1987	1988	1989	1990
South Africa					
Million Troy Ounces	20.5	19.9	19.9	20.2	20.9
Percent of World Total	38.5%	35.7%	33.6%	32.4%	32.4%
Soviet Union					
Million Troy Ounces	10.0	10.5	10.9	11.5	12.1
Percent of World Total	18.8%	18.9%	18.4%	18.5%	18.8%
United States					
Million Troy Ounces	3.7	4.3	5.1	5.9	6.1
Percent of World Total	7.0%	7.7%	8.6%	9.5%	9.5%
Canada					
Million Troy Ounces	3.4	3.9	4.8	5.3	5.4
Percent of World Total	6.4%	7.0%	8.1%	8.5%	8.4%
Australia					
Million Troy Ounces	2.5	3.4	4.3	4.7	4.9
Percent of World Total	5.0%	6.1%	7.3%	7.5%	7.6%
China					
Million Troy Ounces	2.2	2.3	2.5	2.8	3.0
Percent of World Total	4.1%	4.1%	4.2%	4.5%	4.7%
Brazil					
Million Troy Ounces	2.2	2.3	2.3	2.4	2.5
Percent of World Total	4.1%	4.1%	3.9%	3.9%	3.9%
Papua New Guinea					
Million Troy Ounces	1.2	1.3	1.3	1.1	1.1
Percent of World Total	2.3%	2.3%	2.2%	1.8%	1.7%
Philippines					
Million Troy Ounces	1.1	1.4	1.4	1.5	1.6
Percent of World Total	2.1%	2.5%	2.4%	2.4%	2.5%
Colombia					
Million Troy Ounces	0.9	0.9	0.9	0.9	0.9
Percent of World Total	1.7%	1.7%	1.5%	1.4%	1.4%
All 47 Other Countries					
Million Troy Ounces	5.5	5.5	5.8	6.0	6.0
Percent of World Total	10.3%	9.9%	9.8%	9.6%	9.3%

CONTRIBUTORS OF INFORMATION

ON

WORLD MINE PRODUCTION OF GOLD

1986 - 1990

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In all sections, figures for the countries are arranged in the order of size of mine production of gold in 1987. For each country, actual production is given, as well as projected production for each of the years 1988, 1989, 1990 and 1991. Amounts are shown in thousands of troy ounces for each country and group of countries, with metric ton (1,000 kilograms) equivalents for each group of countries.

The figures presented here refer to mine production of gold on an "accountable" basis, indicating the amount of gold which is credited to the mining enterprise. This study was made with the participation of 294 mining entities, who supplied The Gold Institute with their reports and projections.

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The world mine production of gold in 1987, was 3.5% less than had been projected one year ago; 1.0% less than had been projected two years ago; and 5.0% greater than had been projected three years ago.

An additional analysis shows the production and the percent of world total for each of the ten largest producing countries, indicating the changes in their shares of production over the years 1987 to 1991.

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September 1988

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In Thousands of Troy Ounces

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South Africa	19,450	19,612	19,933	20,576	20,737
United States	4,966	5,779	7,498	7,738	7,418
Canada	3,696	4,419	5,750	5,936	5,803
Australia	3,473	4,192	5,050	5,583	5,860
Brazil	2,507	2,894	2,894	2,894	2,894
Papua New Guinea	1,082	1,095	1,203	1,150	1,409
Philippines	1,048	1,331	1,412	1,631	1,969
Colombia	851	1,055	1,078	1,150	1,309
Chile	530	668	853	795	835
Zimbabwe	473	473	473	473	473
Zaire	386	386	386	386	386
Ghana	376	416	460	490	500
Peru	347	347	347	347	347
Ecuador	320	416	482	549	615
Japan	276	270	265	264	249
Mexico	257	276	307	344	410
Dominican Republic	246	215	247	246	245
South Korea	244	264	267	270	273
Spain	148	148	148	148	148
Venezuela	124	124	124	124	124
Sweden	122	127	131	115	113
Subtotal	40,922	44,507	49,308	51,209	52,117
Equivalent Metric Tons	1,273	1,384	1,534	1,593	1,621
Change from Previous Year		9%	11%	4%	2%

Countries Producing Less Than 100,000 Troy Ounces in 1987:	Actual 1987	Projected 1988	1989	1990	1991
Malaysia	94	94	94	94	94
Indonesia	90	100	140	170	270
Bolivia	87	145	158	170	170
Fiji	86	118	118	118	118
France	64	67	93	103	103
India	58	97	99	103	107
Finland	57	57	57	57	57
New Zealand	45	76	121	140	143
Argentina	32	35	42	42	85
Nicaragua	32	32	32	32	32

COUNTRY	Actual 1987	Projected 1988	1989	1990	1991
Taiwan	27	27	27	27	27
Guyana	21	21	21	21	21
Sierra Leone	18	18	18	18	18
Ethiopia	15	15	15	15	15
Costa Rica	13	13	13	20	60
Zambia	12	12	12	12	12
Liberia	12	12	12	12	12
Portugal	10	12	12	14	14
French Guiana	10	10	10	10	10
Central African Republic	7	7	7	7	7
Solomon Islands	3	3	3	3	3
Tanzania	3	3	3	3	3
Honduras	3	3	3	3	3
Sudan	2	2	2	2	2
Mali	2	2	2	2	2
Botswana	1	3	21	25	29
Gabon	1	1	1	1	1
Burundi	1	1	1	1	1
German Federal Republic	1	1	1	1	1
Kenya	1	1	1	1	1
Subtotal	808	988	1,139	1,227	1,421
Equivalent Metric Tons	25	31	35	38	44
FREE WORLD COUNTRIES TOTAL	41,730	45,495	50,447	52,436	53,538
Equivalent Metric Tons	1,298	1,415	1,569	1,631	1,665
Change from Previous Year		9%	11%	4%	2%
COMMUNIST COUNTRIES (Estimated)					
Soviet Union	9,000	9,300	9,600	9,900	10,200
China People's Republic	2,625	2,809	3,005	3,216	3,441
North Korea	160	160	160	160	160
Yugoslavia	130	130	130	130	130
Romania	65	65	65	65	65
Hungary	20	20	20	20	20
TOTAL	12,000	12,484	12,980	13,491	14,016
Equivalent Metric Tons	373	388	404	420	436
Change from Previous Year		4%	4%	4%	4%
WORLD TOTAL	53,730	57,979	63,427	65,927	67,554
Equivalent Metric Tons	1,671	1,803	1,973	2,051	2,101
Change from Previous Year		8%	9%	4%	2%

ADDITIONAL ANALYSIS	Actual	Projected			
	1987	1988	1989	1990	1991
South Africa					
Million Troy Ounces	19.5	19.6	19.9	20.6	20.7
Percent of World Total	36.3 %	33.8 %	31.4 %	31.3 %	30.6 %
Soviet Union					
Million Troy Ounces	9.0	9.3	9.6	9.9	10.2
Percent of World Total	16.8 %	16.0 %	15.1 %	15.0 %	15.1 %
United States					
Million Troy Ounces	5.0	5.8	7.5	7.7	7.4
Percent of World Total	9.3 %	10.0 %	11.8 %	11.7 %	10.9 %
Canada					
Million Troy Ounces	3.7	4.4	5.8	5.9	5.8
Percent of World Total	6.9 %	7.6 %	9.1 %	9.0 %	8.6 %
Australia					
Million Troy Ounces	3.5	4.2	5.1	5.6	5.9
Percent of World Total	6.5 %	7.2 %	8.0 %	8.5 %	8.7 %
China					
Million Troy Ounces	2.6	2.8	3.0	3.2	3.4
Percent of World Total	4.8 %	4.8 %	4.7 %	4.9 %	5.0 %
Brazil					
Million Troy Ounces	2.5	2.9	2.9	2.9	2.9
Percent of World Total	4.7 %	5.0 %	4.6 %	4.4 %	4.3 %
Papua New Guinea					
Million Troy Ounces	1.1	1.1	1.2	1.2	1.4
Percent of World Total	2.0 %	1.9 %	1.9 %	1.8 %	2.1 %
Philippines					
Million Troy Ounces	1.0	1.3	1.4	1.6	2.0
Percent of World Total	1.9 %	2.2 %	2.2 %	2.4 %	3.0 %
Colombia					
Million Troy Ounces	1.0	1.1	1.1	1.2	1.3
Percent of World Total	1.9 %	1.9 %	1.7 %	1.8 %	1.9 %
All 47 Other Countries					
Million Troy Ounces	4.8	5.5	5.9	6.1	6.6
Percent of World Total	8.9 %	9.5 %	9.3 %	9.3 %	9.8 %

CONTRIBUTORS OF INFORMATION

ON

WORLD MINE PRODUCTION OF GOLD 1987 - 1991

ARGENTINA

Ministerio de Economia, Buenos Aires

AUSTRALIA

Aberfoyle Limited, Melbourne, Victoria
Australian Consolidated Minerals Ltd., Melbourne, Victoria
Barrack Mines Limited, Perth, Western Australia
Battle Mountain, Queensland
Bendigo Mining N.L., Bendigo, Victoria
BHP Gold Mines, Melbourne, Victoria
Brunswick N.L., Claremont, Western Australia
Bureau of Mineral Resources, Geology & Geophysics, Canberra, A.C.T.
CRA Limited, Melbourne, Victoria
Carpentaria Gold Pty., Ltd., Brisbane, Queensland
Dallhold Resources Management Pty., Ltd., Perth, Western Australia
Dominion Mining Limited, West Perth, Western Australia
Eastmet Limited, West Perth, Western Australia
Electrolytic Zinc Co. of A/Asia Ltd., Melbourne, Victoria
Enterprise Gold Mines N.L., Perth, Western Australia
Giant Resources Limited, North Sydney, N.S.W.
Golconda Minerals N.L., Midland, Western Australia
Hampton Australia Limited, Perth, Western Australia
Hill 50 Gold Mine, N.L., Mount Magnet, Western Australia
Jason Mining Limited, Sydney, N.S.W.
Jingellic Minerals N.L., Perth, Western Australia
Julia Mines N.L., Perth, Western Australia
Keela-Wee Exploration Ltd., Indooroopilly, Queensland
Metana Minerals N.L., Belmont, Western Australia
Mount Bonnie Gold Trust, Winnellie, N.T.
Mount Burgess Gold Mining Company N.L., Perth, Western Australia
Mount Lyell Mining and Railway Co., Limited, Queenstown, Tasmania
Mount Morgan Limited, Mount Morgan, Queensland
Newmont Australia Limited, Melbourne, Victoria
Nord Resources (Pacific) Pty. Limited, Sydney, N.S.W.
Norgold Limited, Melbourne, Victoria
North Broken Hill Holdings, Melbourne, Victoria
North Flinders Mines Limited, Wayville, South Australia
North Kalgurli Mines Limited, Kalgoorlie, Western Australia
Pan Australian Mining Limited, Brisbane, Queensland
Pan Continental, Sydney, N.S.W.
Paragon Resources N.L., Perth, Western Australia
Peko-Wallsend Limited Group, Gordon, N.S.W.
Placer Pacific Limited, Sydney, N.S.W.
Poseidon Limited, Adelaide, South Australia

AUSTRALIA *(Continued)*

Queen Margaret Gold Mines N.L., Perth, Western Australia
Renison Gold Fields, Sydney, New South Wales
Reynolds Australia Mines Pty Limited, Perth, Western Australia
Sons of Gwalia N.L., West Perth, Western Australia

BOLIVIA

Corporacion Minera de Bolivia, La Paz
Mineria Mediana, La Paz
Mineria Pequeia, La Paz

BOTSWANA

Department of Mines, Gaborone
Golden Sands Pty. Limited, Francistown
Monarch Mines, Francistown
Rainbow Mine, Francistown
Shamrock (Marengo) Pty. Limited, Francistown
Somerset Mine, Francistown

BRAZIL

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Departamento Nacional da Producao Mineral, Brasilia

CANADA

Agnico-Eagle Mines Limited, Toronto, Ontario
American Barrick Resources Corporation, Toronto, Ontario
Asamera Minerals (US) Inc., Calgary, Alberta
Audrey Resources, Rouyn-Noranda, Quebec
BHP-Utah Mine, Ltd., Port Hardy, British Columbia
BP Resources Canada Incorporated, Selco Division, Toronto, Ontario
Bachelor Lake Gold Mines, Inc., Toronto, Ontario
Beaver Resources Inc., Vancouver, British Columbia
Black Swan Gold Mines Ltd., Vancouver, British Columbia
Blackdome Mine, Clinton, British Columbia
California Gold Mines Ltd., Vancouver, British Columbia
Cambior Incorporated, Montreal, Quebec
Campbell Resources, Toronto, Ontario
Canadian United Minerals, Vancouver, British Columbia
Canamax Resources Incorporated, Toronto, Ontario
Carson Gold Corp., Vancouver, British Columbia
City Resources (Canada) Limited, Vancouver, British Columbia
Cline Development, Sudbury, Ontario
Cominco Limited, Vancouver, British Columbia
Consolidated CSA Minerals Ltd., Timmons, Ontario
Corona Corporation, Toronto, Ontario
Dickenson Mines Limited, Toronto, Ontario
Department of Energy & Mines Resources, Ottawa, Ontario

CANADA *(Continued)*

Dome Mines Limited, Toronto, Ontario
Dumagami Mines Ltd., Toronto, Ontario
Echo Bay Mines Limited, Edmonton, Alberta
Equinox Resources, Ltd. Vancouver, British Columbia
Equity Silver Mines, Vancouver, British Columbia
Esperanza Exploration Limited, Vancouver, British Colombia
Falconbridge Limited, Toronto, Ontario
General Minerals Corp., Calgary, Alberta
Giant Yellowknife Mines Ltd., Toronto, Ontario
Glamis Gold Limited, Vancouver, British Columbia
Gunsteel Resources Corp., Vancouver, British Columbia
Hemlo Gold Mines Inc., Toronto, Ontario
Highland Valley Copper, Vancouver, British Columbia
Houston Metals Corporation, Vancouver, British Columbia
Hughes-Lang Group, Vancouver, British Columbia
Hycroft Resources & Development Corp., Vancouver, British Columbia
Inco Limited, Toronto, Ontario
International Coast Minerals Corp., Vancouver, British Columbia
Kerr Addison Mines Limited, Toronto, Ontario
Kidd Creek Mines Limited, Toronto, Ontario
Lac Minerals Limited, Toronto, Ontario
Lacana Mining Corporation, Toronto, Ontario
La Teko Resources Ltd., Vancouver, British Columbia
Malartic Hygrade (Canada) Gold Mine Inc., Toronto, Ontario
Mandor Mining Corporation, Vancouver, British Columbia
Minerex Resources Ltd., Vancouver, British Columbia
Mosquito Consolidated Gold Mines, Calgary, Alberta
Muscocho Exploration Limited, Toronto, Ontario
New Dynasty Mines (US) Inc., Vancouver, British Columbia
Newmont Mines Limited, Similkameen, British Columbia
Noranda Minerals Incorporated, Toronto, Ontario
Normine Resources Ltd., Vancouver, British Columbia
Northern Dynasty Explorations Ltd., Vancouver, British Columbia
Northgate Exploration Limited, Toronto, Ontario
Orofino Resources Ltd., Toronto, Ontario
Pegasus Gold Inc., Vancouver, British Columbia
Placer Dome Limited, Vancouver, British Columbia
Quebec Sturgeon River Mines Ltd., Toronto, Ontario
Queenstake Resources Limited, Vancouver, British Columbia
Queenston Gold Mines Limited, Toronto, Ontario
Rayrock Yellowknife Resources Inc., Toronto, Ontario
Renabie Gold Mines Limited, Toronto, Ontario
Rouyn Mining Resources Inc., Rouyn-Noranda, Quebec
Saskatchewan Mining, Saskatoon, Saskatchewan
Skyline Explorations Limited, Vancouver, British Columbia
Star Lake Gold Mines, La Ronge, Saskatchewan
Sullivan Mines Incorporated, Montreal, Quebec
Sutton Resources Ltd., Richmond, British Columbia
Teck Corporation, Vancouver, British Columbia
Total Erickson Resources, Ltd., Vancouver, British Columbia
Utah Mines Limited, Port Hardy, British Columbia
Westfield Minerals Limited, Vancouver, British Columbia
Westmin Resources Limited, Vancouver, British Columbia
WX Syndicate, Vancouver, British Columbia
Westley Mines, Vancouver
X-Cal Resources Limited, Goldbridge, British Columbia

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Ministerio de Minas y Energia, Bogota

DOMINICAN REPUBLIC

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Molleturo, Provincia del Azuay
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FIJI

Western Mining Corporation, Vatukoula

FINLAND

Outokumpu Oy, Helsinki

FRANCE

Mines & Produits Chimiques de Salsigne, Conques Sur Orbiel

GHANA

Ashanti Goldfields Corporation, Accra

HONDURAS

Rosario Resources Corporation, El Mochito

INDIA

Bharat Gold Mines Limited, Oorgaum Post, Karnataka
Hindustan Copper Limited, Calcutta
Hutti Gold Mines Company Limited, Raichur, Karnataka

INDONESIA

Ampalit Mine, Central Kalimantan
Cempaga Buang Mine, Central Kalimantan
Mirah Mine, Central Kalimantan

JAPAN

Dowa Mining Company Limited, Tokyo
Japan Mining Industry Association, Tokyo
Mitsubishi Metal Corporation, Tokyo
Sumitomo Metal Mining Company Ltd., Tokyo

MEXICO

Cia. de Real del Monte y Pachuca S.A., Pachuca, Hidalgo
Cia. Minera de Cananea, S.A., Mexico, D.F.
Compania Fresnillo S.A. de C.V., Mexico, D.F.
Grucat S.A. de C.V., Mexico, D.F.
Grupo Industrial Minera Mexico, S.A. de C.V., Mexico, D.F.
Industrias Luismin S.A. de C.V., Mexico, D.F.
Mexican Chamber of Mines, Mexico, D.F.
Servicios Industriales Penoles, S.A. de C.V., Mexico, D.F.

NEW ZEALAND

Grey River Gold, Greymouth
Martha Hill Mine, Waihi
Waihi Gold Company, Waihi

PAPUA NEW GUINEA

Bougainville Copper Limited, North Solomons
Niugini Mining Limited, Kainantu
Ok Tedi Mining Limited, Tabubil

PERU

Banco Minero del Peru, Lima
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Compania Minera Milpo S.A., Lima
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PHILIPPINES

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Bureau of Mines & Geo-Sciences, Ermita, Manila
Cebu Copper Operations, Toledo City, Cebu
Lepanto Consolidated Mining Company, Makati, Metro Manila
Manila Mining Corporation, Makati, Metro Manila
Marcopper Mining Corporation, Makati, Metro Manila
Maricalum Mining Corporation, Makati, Metro Manila
Masbate Gold Operations, Aroroy, Masbate

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PORTUGAL

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SOUTH AFRICA

Afrikander Lease Limited, Johannesburg
Balmoral Gold Mining Co., Limited, Johannesburg
Beatrix Mines Limited, Johannesburg
Blyvooruitzicht Gold Mining Co., Limited, Johannesburg
Bosveld Mines Pty. Limited, Johannesburg
Bracken Mines Limited, Johannesburg
Buffelsfontein Gold Mining Co., Limited, Johannesburg
Centurion Mining Company Pty., Johannesburg
Chamber of Mines of South Africa, Johannesburg
Consolidated Modderfontein Mines Limited, Johannesburg
Consolidated Murchison Limited, Johannesburg
Deelkraal Gold Mining Co., Limited, Johannesburg
Doornfontein Gold Mining Co., Limited, Johannesburg
Driefontein Consolidated Limited, Johannesburg
Durban Roodepoort Deep Limited, Johannesburg
East Rand Proprietary Mines Limited, Johannesburg
Elandsrand Gold Mining Co., Limited, Johannesburg
Free State Consolidated Geduld Mines Limited, Johannesburg
Fumani Goudmyn, Johannesburg
Goedehoop Mining Company, Johannesburg
Golden Jubilee Mining, Johannesburg
Grootvlei Proprietary Mines Limited, Johannesburg
H.J. Joel Gold Mining Co., Limited, Johannesburg
Harmony Gold Mining Company, Limited, Johannesburg
Hartebeestfontein Gold Mining Co., Limited, Klerksdorf
Heatherleigh Diggings, Johannesburg
Kinross Mines Limited, Johannesburg
Kloof Gold Mining Co., Limited, Johannesburg
Langlaagte Mines (Pty), Limited, Johannesburg
Leslie Gold Mines Limited, Johannesburg
Loraine Gold Mines Limited, Johannesburg
Malidyke Gold Mine, Johannesburg
Marievale Consolidated Mines Limited, Johannesburg
Minador Gold Mining Co., Ltd., Johannesburg
Modder Bee Mine, Johannesburg
Nestor GM Co. Ltd., Johannesburg
New Union Gold Mine, Johannesburg
Nigel Gold Mining Company, Johannesburg
O' Okkiea Copper Mining Co., Ltd.
Overseas Mineral Distribution Corp., Ltd., Johannesburg
Palabora Mining Co. Ltd, Johannesburg
Prieska Copper Mines, Johannesburg
Primrose Gold Mining Co., Johannesburg
Randfontein Est. Gold Mining Co., Limited, Johannesburg

SOUTH AFRICA *(Continued)*

Rustenberg Platinum Holdings, Johannesburg
St. Helena Gold Mines Limited, Johannesburg
South Roodepoort Main Reef Areas Limited, Johannesburg
Springs Dagga Gold Mines Ltd., Heidelberg
Stanhope Gold Mining Co., Limited, Johannesburg
Stilfontein Gold Mining Co., Limited, Johannesburg
Sub Nigel GM Co., (Pty) Ltd., Johannesburg
Unisel Gold Mines Limited, Johannesburg
Vaal Reefs Exploration & Mining Co., Limited, Johannesburg
Venterspost Gold Mining Co., Limited, Johannesburg
West Rand Consolidated Mines Limited, Johannesburg
Western Areas Gold Mining Co., Limited, Johannesburg
Western Deep Levels Limited, Johannesburg
Western Platinum Limited Complex, Johannesburg
Winkelhaak Mines Limited, Johannesburg
Witwatersrand Nigel Limited, Johannesburg
Witwatersrand Triad Gold Mines, Johannesburg

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TAIWAN

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UNITED STATES

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Atlas Gold Mining, Inc., Grand Junction, Colorado
Battle Mountain Gold Company, Houston, Texas
BP Minerals Resources, Salt Lake City, Utah
Big Resources Management, Denver, Colorado

UNITED STATES

Callahan Mining Corporation, Phoenix, Arizona
Camp Bird Venture, Ouray, Colorado
Coeur d'Alene Mines Corporation, Coeur d'Alene, Idaho
Cortez Gold Mines, Cortez, Nevada
Dallhold Resources, Denver, Colorado
Dee Gold Mining Company, Elko, Nevada
FMC Corporation, Reno, Nevada
Freeport Indonesia, New Orleans, Louisiana
Freeport-McMoRan Gold Company, Elko, Nevada
Gold Fields Mining Corporation, New York, New York
Hecla Mining Company, Coeur d'Alene, Idaho
Homestake Mining Company, San Francisco, California
Hycroft Resources & Development, Reno, Nevada
Little Squaw Gold Mining Company, Spokane, Washington
Lode Star Gold Mines, Inc., Sun City, Arizona
Magma Copper Company, Miami, Arizona
Nerco Minerals Company, Fairbanks, Alaska
Newmont Mining Corporation, New York, New York
Pegasus Gold Incorporated, Spokane, Washington
Phelps Dodge Corporation, Phoenix, Arizona
Piedmont Mining Company, Inc., New York, New York
Round Mountain Gold Corporation, Round Mountain, Nevada
Silver State Mining Corporation, Denver, Colorado
St. Cloud Mining Co., Truth or Consequences, New Mexico
Sunshine Mining Company, Boise, Idaho
United States Bureau of Mines, Washington, D.C.
Vanderbilt Gold Corporation, Las Vegas, Nevada
Wharf Resources, Ltd., Denver, Colorado